

Pseudopolymorphs-a variety of self-organization of: Para-sulphonato-calix[8]arene and phenanthroline in the solid state

Leśniewska B., Coleman A., Tauran Y., Perret F., Suwińska K.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© 2016 The Royal Society of Chemistry. The paper presents results concerning construction of inclusion complexes of para-sulphonato-calix[8]arene with 1,10-phenanthroline. Structures of crystalline host-guest complexes were determined by means of X-ray diffraction. Intermolecular interactions were analyzed and the organization of ions and molecules in the crystal lattice was described.

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